

Samsung Galaxy S22 SM-S901B 15.5 cm (6.1") Dual SIM Android 12 5G USB Type-C 8 GB 128 GB 3700 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-S901BZKDEUB

Product name : SM-S901B

- The biggest leap in our video technology
- The first 4nm processor on Samsung Galaxy
- The battery that lasts beyond 24 hours, even on 5G Galaxy S22 5G

Samsung Galaxy S22 SM-S901B. Display diagonal: 15.5 cm (6.1"), Display resolution: 2340 x 1080 pixels. Processor frequency: 2.8 GHz, Processor family: Samsung Exynos, Processor model: 2200. RAM capacity: 8 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 12. Battery capacity: 3700 mAh. Product colour: Black. Weight: 167 g



| Display                             |                                                                    | Ports & interfaces                 |                                 |
|-------------------------------------|--------------------------------------------------------------------|------------------------------------|---------------------------------|
| Display diagonal *                  | 15.5 cm (6.1")                                                     | ANT+ enabled                       | ✗                               |
| Screen shape                        | Flat                                                               | Messaging                          |                                 |
| Display technology marketing name   | Dynamic AMOLED 2X                                                  | Short Message Service (SMS)        | ✓                               |
| Panel type                          | OLED                                                               | Multimedia Messaging Service (MMS) | ✓                               |
| Display glass type                  | Gorilla Glass                                                      | E-mail                             | ✓                               |
| Gorilla Glass version               | Gorilla Glass 7                                                    | Design                             |                                 |
| Display resolution *                | 2340 x 1080 pixels                                                 | Form factor *                      | Bar                             |
| Display number of colours           | 16 million colours                                                 | Product colour *                   | Black                           |
| Native aspect ratio                 | 19.5:9                                                             | International Protection (IP) code | IP68                            |
| Contrast ratio (typical)            | 1000000:1                                                          | Protection features                | Dust resistant, Water resistant |
| Maximum refresh rate                | 120 Hz                                                             | Housing material                   | Aluminium, Glass                |
| Display brightness                  | 500 cd/m²                                                          | Performance                        |                                 |
| High Dynamic Range (HDR) supported  | ✓                                                                  | Video call                         | ✓                               |
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus) | Fast charging                      | ✓                               |
| Touchscreen type                    | Capacitive                                                         | Wireless charging                  | ✓                               |
| Pixel density                       | 425 ppi                                                            | Graphics card                      | AMD Voyager                     |
| Rounded display corners             | ✓                                                                  | Fingerprint reader                 | ✓                               |
| Processor                           |                                                                    | Iris recognition                   | ✗                               |
| Processor family *                  | Samsung Exynos                                                     | Face recognition                   | ✓                               |
| Processor model *                   | 2200                                                               | Speakerphone                       | ✓                               |
| Processor cores                     | 8                                                                  | Country of origin                  | Vietnam                         |
| Processor frequency *               | 2.8 GHz                                                            | Vibrating alert                    | ✓                               |
| Storage                             |                                                                    | Navigation                         |                                 |
| User memory                         | 100 GB                                                             | GPS (satellite)                    | ✓                               |
| RAM capacity *                      | 8 GB                                                               | Position location *                | ✓                               |
| Internal storage capacity *         | 128 GB                                                             |                                    |                                 |

| Camera                                  |                                                                                      | Multimedia                       |                      |
|-----------------------------------------|--------------------------------------------------------------------------------------|----------------------------------|----------------------|
| Rear camera resolution (numeric) *      | 50 MP                                                                                | Audio system                     | Dolby Atmos          |
| Second rear camera resolution (numeric) | 10 MP                                                                                | <b>Software</b>                  |                      |
| Third rear camera resolution (numeric)  | 12 MP                                                                                | Platform *                       | Android              |
| Rear camera aperture number             | 1.8                                                                                  | Operating system installed *     | Android 12           |
| Second rear camera aperture number      | 2.4                                                                                  | Operating system fork            | One UI 4.1           |
| Third rear camera aperture number       | 2.2                                                                                  | App distribution platform        | Google Play          |
| Optical zoom                            | 3x                                                                                   | Virtual assistant                | Samsung Bixby        |
| Digital zoom                            | 30x                                                                                  | <b>Battery</b>                   |                      |
| Front camera type *                     | Single camera                                                                        | Battery technology               | Lithium-Ion (Li-Ion) |
| Front camera resolution (numeric) *     | 10 MP                                                                                | Battery voltage                  | 3.88 V               |
| Front camera aperture number            | 2.2                                                                                  | Battery recharge time            | 1.17 h               |
| Rear camera flash *                     | ✓                                                                                    | Battery weight                   | 48.8 g               |
| Flash type                              | LED                                                                                  | Wireless Power Share             | ✓                    |
| Video capture resolution (max)          | 7680 x 4320 pixels                                                                   | Removable battery                | ✗                    |
| Resolution at capture speed             | 3840x2160@60fps, 7680x4320@24fps                                                     | Battery capacity *               | 3700 mAh             |
| Video recording modes                   | 2160p, 4320p                                                                         | <b>Sensors</b>                   |                      |
| Rear camera type *                      | Triple camera                                                                        | Proximity sensor                 | ✓                    |
| Auto focus                              | ✓                                                                                    | Accelerometer                    | ✓                    |
| Face detection                          | ✓                                                                                    | Ambient light sensor             | ✓                    |
| Video stabilizer                        | ✓                                                                                    | Gyroscope                        | ✓                    |
| Image stabilizer                        | ✓                                                                                    | Geomagnetic sensor               | ✓                    |
| Image stabilizer type                   | Optical Image Stabilization (OIS)                                                    | Heart rate sensor                | ✗                    |
| Night mode                              | ✓                                                                                    | Hall sensor                      | ✓                    |
| Panorama                                | ✓                                                                                    | <b>Weight &amp; dimensions</b>   |                      |
| <b>Network</b>                          |                                                                                      | Width                            | 70.6 mm              |
| SIM card capability *                   | Dual SIM                                                                             | Depth                            | 7.6 mm               |
| Mobile network generation *             | 5G                                                                                   | Height                           | 146 mm               |
| SIM card type *                         | NanoSIM                                                                              | Weight *                         | 167 g                |
| 4G standard *                           | LTE-TDD & LTE-FDD                                                                    | Package width                    | 87.3 mm              |
| Voice over LTE (VoLTE) supported        | ✓                                                                                    | Package depth                    | 27.5 mm              |
| Wi-Fi *                                 | ✓                                                                                    | Package height                   | 163.6 mm             |
| Wi-Fi standards                         | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) | Package weight                   | 285 g                |
| Bluetooth *                             | ✓                                                                                    | <b>Certificates</b>              |                      |
| Bluetooth version                       | 5.2                                                                                  | Head SAR (EU)                    | 1.21 W/kg            |
| Bluetooth profiles                      | A2DP                                                                                 | Body SAR (EU)                    | 1.59 W/kg            |
| 3G bands supported                      | 850,900,1700,1900,2100 MHz                                                           | Extremities SAR (EU)             | 2.71 W/kg            |
| 4G bands supported                      | 850,900,1800,1900,2100,2300,2500,2600 MHz                                            | <b>Packaging content</b>         |                      |
| 5G bands supported                      | 700,800,850,900,1800,2100,2300,2600,3500,3700 MHz                                    | Quick start guide                | ✓                    |
| Tethering (modem-mode)                  | ✓                                                                                    | Warranty card                    | ✓                    |
| MIMO                                    | ✓                                                                                    | Cables included                  | USB Type-C           |
| Near Field Communication (NFC)          | ✓                                                                                    | SIM card ejector pin             | ✓                    |
| <b>Subscription</b>                     |                                                                                      | <b>Logistics data</b>            |                      |
| Subscription type *                     | No subscription                                                                      | Harmonized System (HS) code      | 85171300             |
| <b>Ports &amp; interfaces</b>           |                                                                                      | Master (outer) case gross weight | 6 kg                 |
| USB port *                              | ✓                                                                                    | Master (outer) case length       | 181 mm               |
| USB connector type                      | USB Type-C                                                                           | Master (outer) case width        | 185 mm               |
| USB version                             | 3.2 Gen 1 (3.1 Gen 1)                                                                | Master (outer) case height       | 292 mm               |
| Headphone connectivity                  | USB Type-C                                                                           | Pallet net height                | 125.4 cm             |
|                                         |                                                                                      | Pallet net length                | 120 cm               |
|                                         |                                                                                      | Pallet net width                 | 80 cm                |
|                                         |                                                                                      | Pallet net weight                | 516 kg               |
|                                         |                                                                                      | Products per master (outer) case | 20 pc(s)             |
|                                         |                                                                                      | <b>Other features</b>            |                      |
|                                         |                                                                                      | Touchscreen                      | ✓                    |
|                                         |                                                                                      | <b>Technical details</b>         |                      |
|                                         |                                                                                      | Repairability index              | 8.2                  |

#### Technical details

|                                      |            |
|--------------------------------------|------------|
| Commodity Classification             |            |
| Automated Tracking System<br>(CCATS) | 8517120000 |



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